

1/11

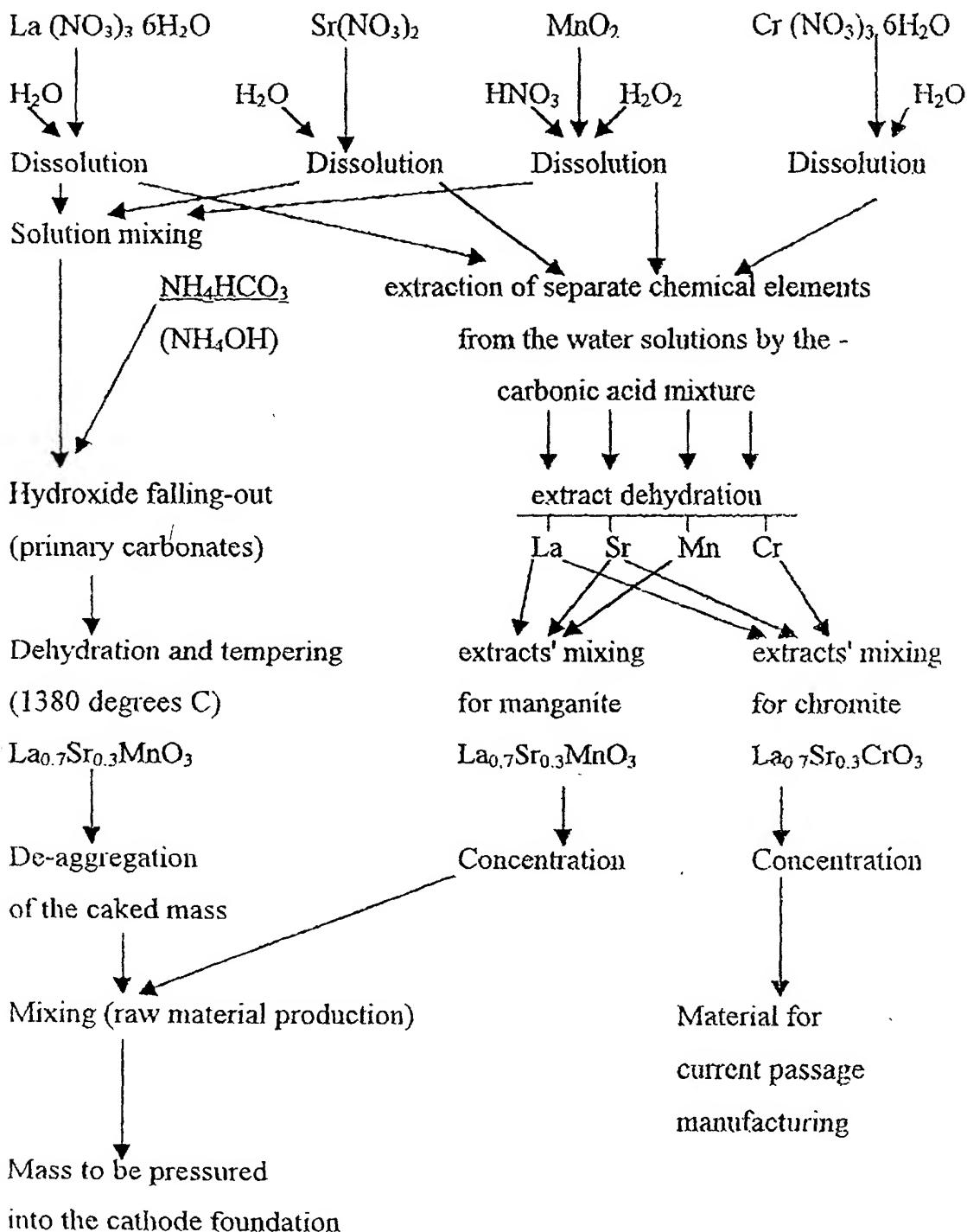


Fig. 1

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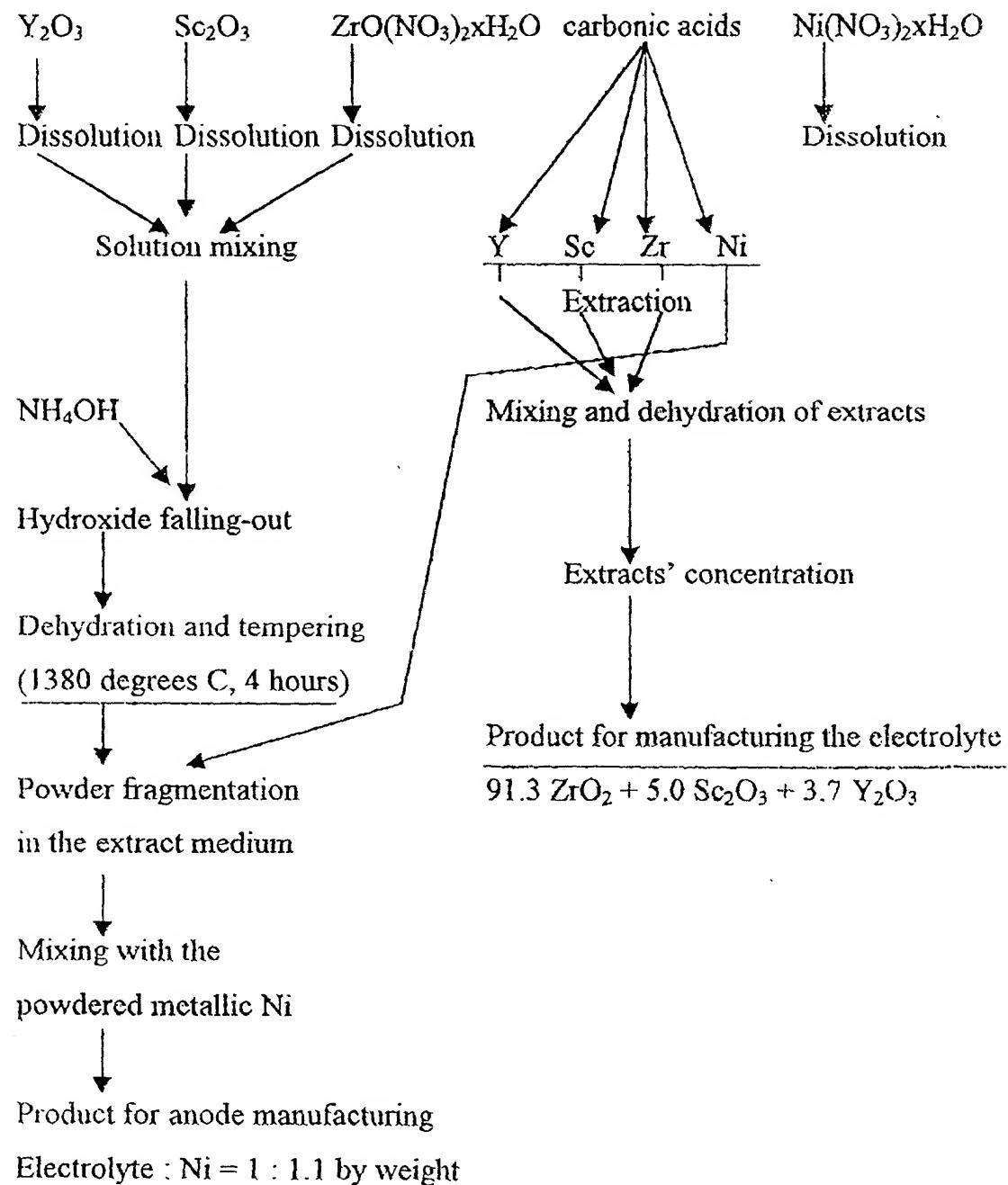


Fig. 2

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Forming the tubular cathode  
by the hydrostatic pressuring

Burning out the binding agent, caking

T ~ 1350 degrees C

Manufacturing the interface layer and current passage

Mixture of Cr, La, St carboxilates

Manufacturing the electrolyte

Mixture of Ce, Sm/Gd, Zr, Y, Sc carboxilates

Manufacturing the anode

Anode material YSZ GSC/Ni<sub>met</sub> Co<sub>met</sub>  
Ni or Co carboxilates

Manufacturing the electrical insulating

layer

layer

Mg Al carboxilates  
(MgAl<sub>2</sub>O<sub>4</sub>) (YSZ)

Thermal treatment

T ~ 1250 degrees C

A single fuel cell

Fig. 3

23

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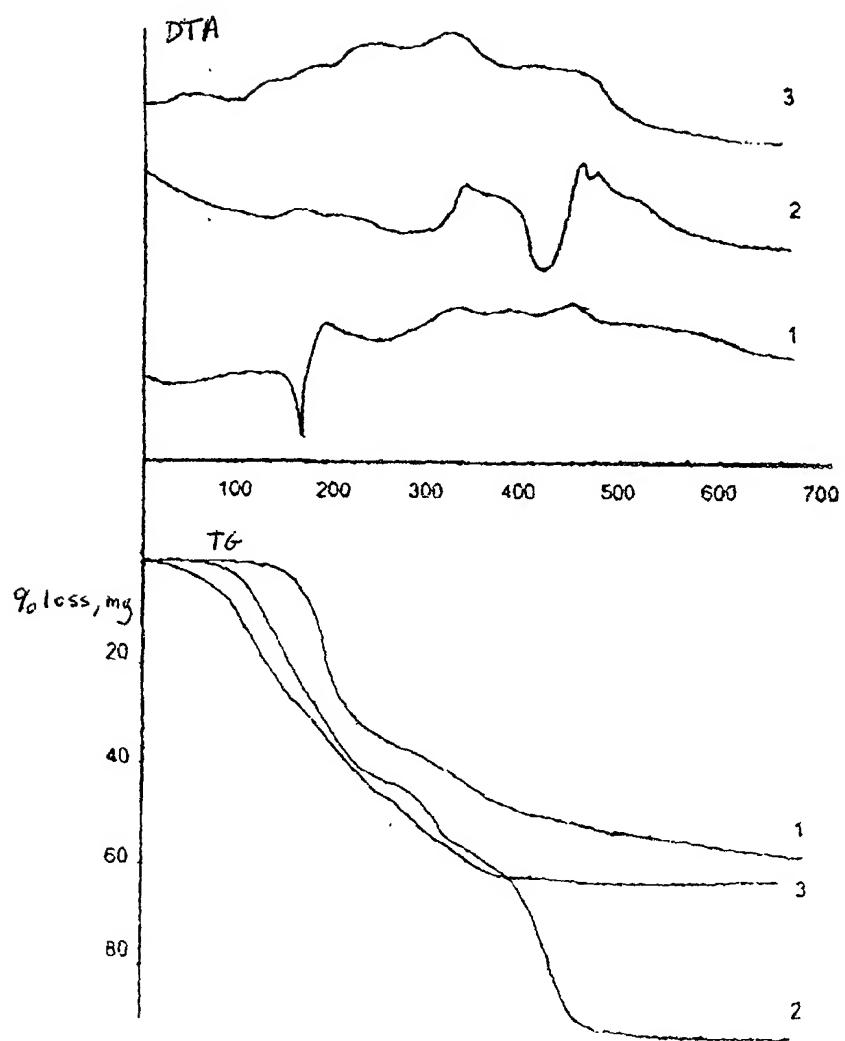


Fig. 4.

5/II

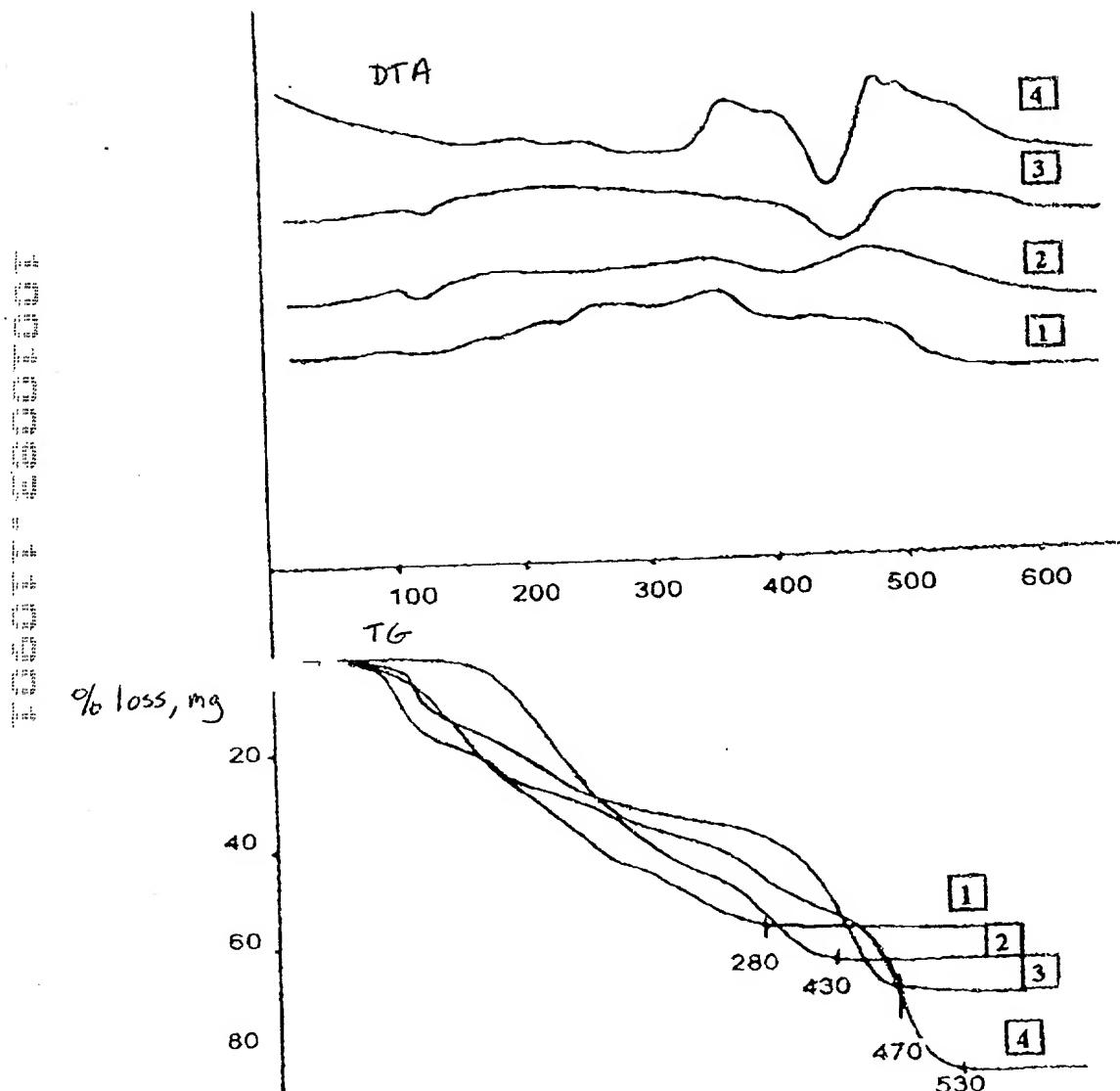


Fig. 5.

08-MAY-99 SAT 01:31 RLERİY P. ZYL

1 11 86

P.05

75

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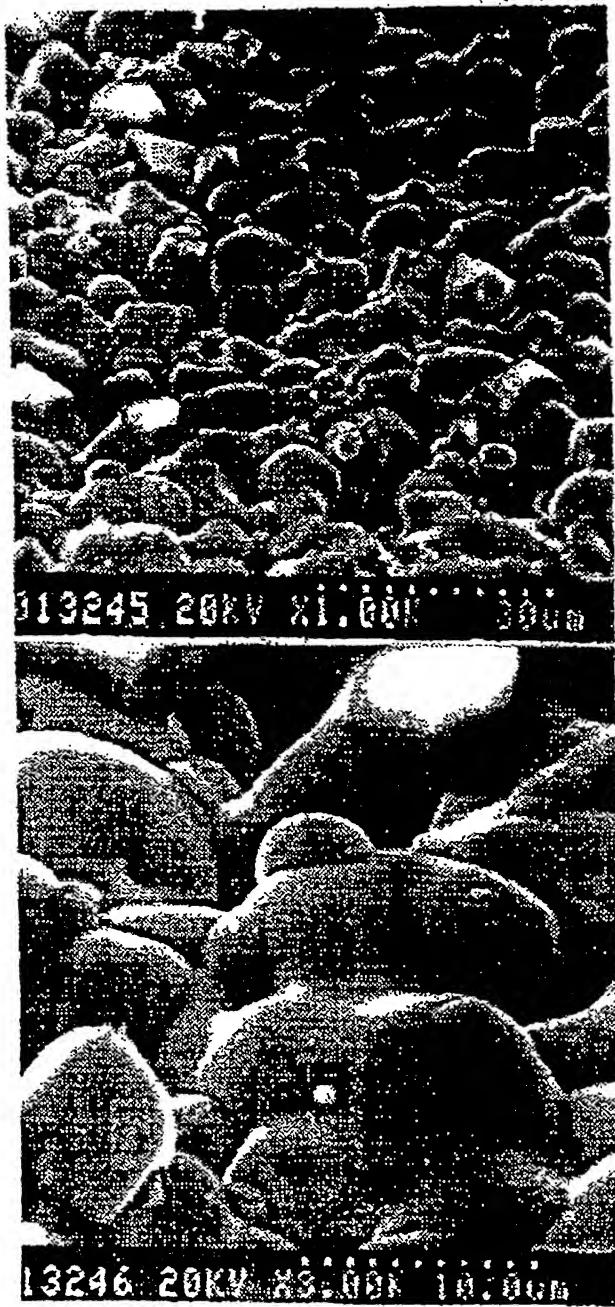


Fig. 6.

88-MAY-99 SAT 01:32 ALERY P. ZYL

1 11 86

P.06

76

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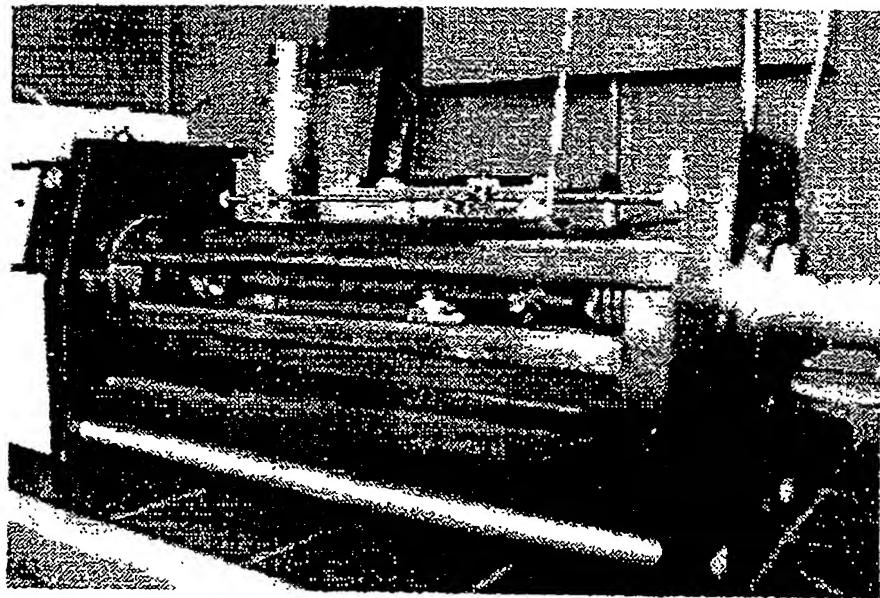


Fig. 7.

08-MAY-99 SAT 01:33 ALERY P. ZYL

1. L 11 86

P. 07

72

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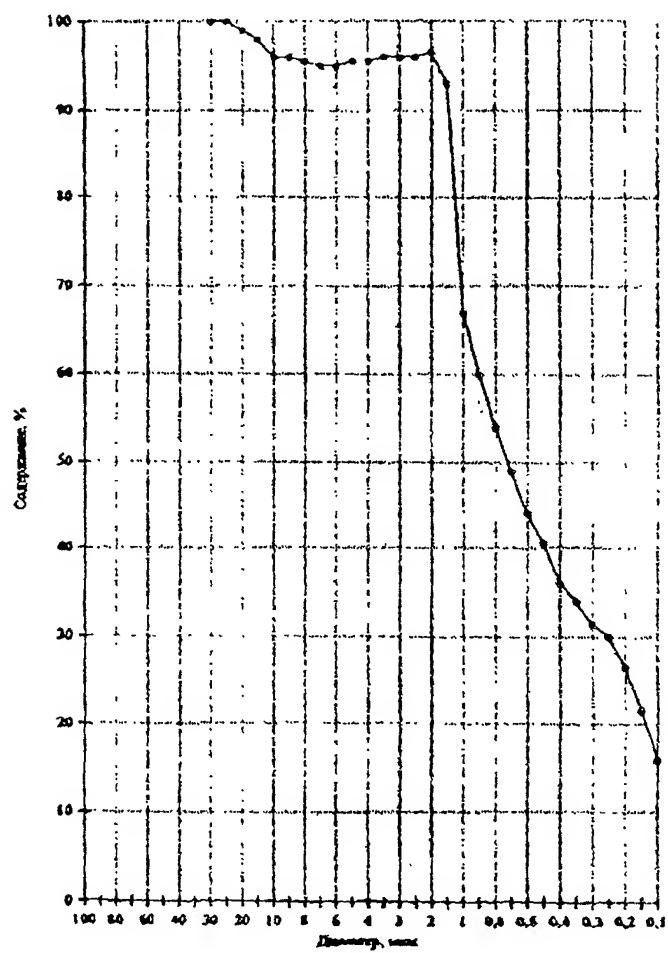


Fig. 8.

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Л



Изображение проявлено отпечаток  
Фотоаппарат = 30.7000  
Ср. фокус = 30.7000  
X= 63.8000  
Y=131.8000

100 200 300 400 500 600 700 800 900 1000

Fig. 9.

08-MAY-99 SAT 01:34 ALERY P ZYL

11 86

P.09

29

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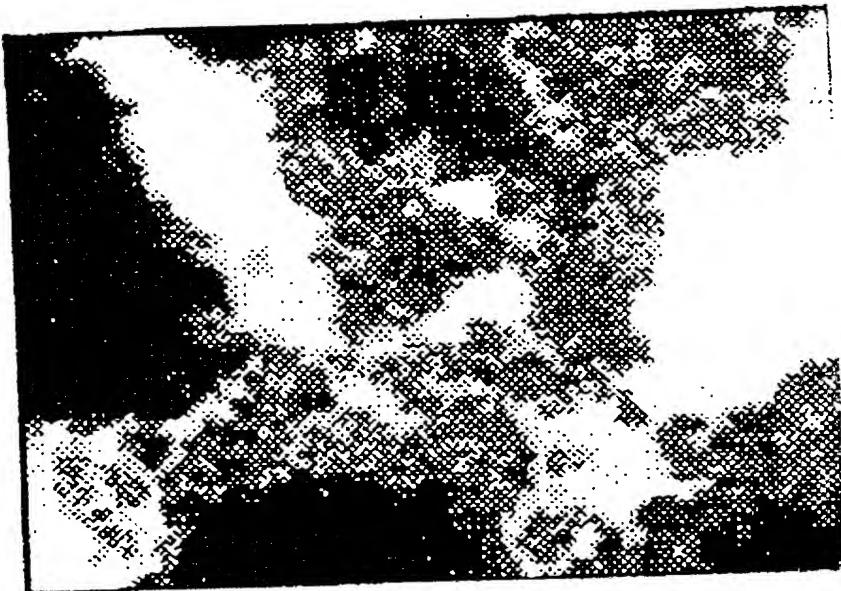
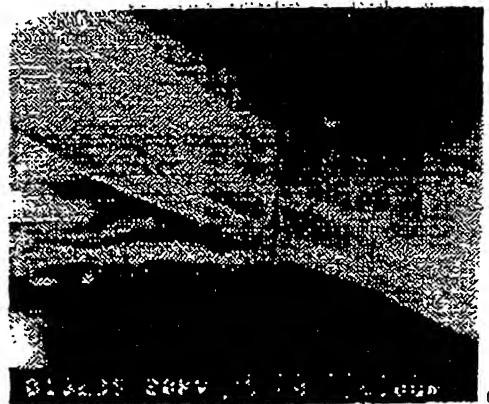


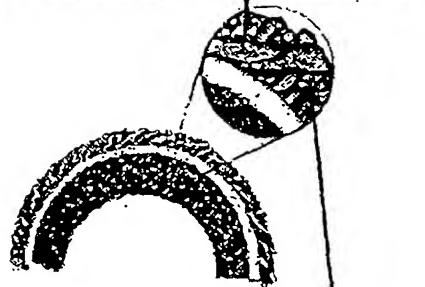
Fig. 10.

80

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(a)



(6)



(B)

Fig. 11.